BILL NO. S-97-06- 11

SPECIAL ORDINANCE NO. S- 67-97

AN ORDINANCE approving the awarding of **I.T.B. #7461** by the City of Fort Wayne, Indiana, by and through its Department of Purchasing and BROWN EQUIPMENT AND WISE INTERNATIONAL for the Stormwater Maintenance Department.

NOW, THEREFORE, BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA;

SECTION 1. That **I.T.B. #7461** between the City of Fort Wayne, by and through its Department of Purchasing and BROWN EQUIPMENT AND WISE INTERNATIONAL for the Stormwater Maintenance Department, respectfully for:

> the purchase of two (2) catch basin cleaners for the Stormwater Maintenance Department;

involving a total cost of TWO HUNDRED TWENTY-SEVEN THOUSAND THREE HUNDRED FIFTY-SIX and no/100 Dollars ($227,356.00) - (BROWN - $134,217.00; WISE - $93,139.00) all as more particularly set forth in said I.T.B.#7461, which is on file in the Office of the Department of Purchasing, and is by reference incorporated herein, made a part hereof, and is hereby in all things ratified, confirmed and approved.

SECTION 2. That this Ordinance shall be in full force and effect from and after its passage and any and all necessary approval by the Mayor.

Martin A. Brown
Council Member

APPROVED AS TO FORM
AND LEGALITY

J. Timothy McCaulay
J. Timothy McCaulay, City Attorney

REF. NO.:	7461
DEPT:	STORMWATER MAINTENANCE
DATE:	6/13/97
ITEM/SERVICE:	PURCHASE 2 CATCH BASIN CLEANERS
ADVERTISED BID:	YES
DATES ADVERTISED:	04/28/97 & 05/05/97
DATE OPENED:	05/15/97
SINGLE SOURCE:	NO
NO. OF VENDORS NOTIFIED:	8
NO. OF VENDORS RECEIVING BID:	4
NO. OF VENDORS RETURNING BID:	4
NO. OF VENDORS DISQUALIFIED:	0
DATE SENT TO DEPT FOR RECOMM:	05/16/97
DATE RECOMM RECEIVED BACK:	06/13/97
DATE SENT TO LAW DEPT:	06/13/97
INTRODUCTION DATE:	06/24/97
DISCUSSION DATE:	07/01/97
PASSAGE DATE:	07/08/97

ITB #7461				
	2 CATCH BASIN CLEANERS-STORMWATER MAINTENANCE			
OPENED 5-15-97				
	BEST EQUIPMENT	BROWN EQUIPMENT	DEEDS EQUIPMENT	
		INCL WISE CHASSIS		
NET BID PRICE	$ 113,000.00	$ 113,678.00	$ 113,784.00	
AFTER TRADES				
& DISCOUNTS				
TOTAL FOR 2	$ 226,000.00	$ 227,356.00	$ 227,568.00	
DELIVERY	120 DAYS	45-120 DAYS	60-120 DAYS	
VALIDITY	180 DAYS	90 DAYS	120 DAYS	

Bid Specifications	Brown	Best	Deeds	Good Points			Bad Points		
DEBRIS BODY				Brown	Best	Deeds	Brown	Best	Deeds
Capacity: 9 cubic yards - useable	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Construction: Minimum 1/4" and 3/8" high strength steel with at least 3/8" bulkheads. The debris body shall be of a stainless steel construction or equal to.	Meets Spec	3/16 Corten Steel	3/16 X-Ten Steel question on whether this is abrasion and corrosion resistant. Lifetime warranty on debris tank. not sure if labor and transportation are included	1				1	1
Door: Hydraulically lock/unlock, raise and lower	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Dual-locking wedges with a manual safety lock and replaceable neoprene seal. Dumping and door controls shall be located forward of the debris body.	Meets Spec	5 Locks controlled by one cylinder, resulting in more adjustments.	Question on locks being internal or external	1				1	1
External float-type debris level indicator.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Float-type automatic vacuum shutdown system with a stainless steel ball.	Meets Spec	Micro switch on outside of tank subject to electric failure	Meets Spec, has two stainless steel float balls inside of tank	1		1		1	
Body hinge pins: Greaseable fittings.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Decant: 6" valve-mounted on rear door, internal screen with "blaster valve" to keep screen clean, and 15' x 6" layflat hose with rack.	Meets Spec	Meets Spec	Decant valve mounted at front of tank controlled by air operated switch.	1	1	1			
Safety body prop and rear door safety pin. Internal tank flusher system, full flow and pressure.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Hydraulic pump off plumbed to the front bumper 800 GPM @ 10' head pressure.	Meets Spec	Meets Spec 900 GPM	Pump off is mounted at front of tank 450 GPM	1	2				1
No hydraulic components located inside the debris body.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
HOIST									
NTEA performance range, forward-mounted double-acting cylinder.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Capacity: 56,000 lb. minimum.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Dump angle: 45 degrees minimum.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Pivot points to have greaseable fittings.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Cylinder shall have a check valve to prevent collapse from hydraulic failure.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
WATER TANKS									
Capacity: 600 US gallons.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Constructed of Aluminum.	Meets Spec	Cross linked polyethelene	Meets Spec	1		1		1	
Equipped with low point drains.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
The tanks shall not raise with the debris body during the dumping process.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Water tanks shall be located at or above chassis frame rails to provide a flooded inlet for the water pump and protection from road damage and off-road uses.	Meets Spec	2 Upper 2 lower	Meets Spec	1		1		1	
WATER PUMP									
Water pump shall produce 700 psi at 23 GPM.	Meets Spec	500 psi @ 20 gpm	Meets Spec	1		1		1	
Shall be equipped with full-flow adjustable pressure regulator.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
The water pump shall be powered by a completely independent variable speed hydraulic system.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Pressure and flow controls shall be located at operator's station.	Meets Spec	Meets Spec	Meets Spec	1	1	1			

A "Y" strainer and water shutoff valve shall be installed in the water supply line.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
VACUUM SYSTEM									
American made positive displacement, rotary lobe, Roots/Dresser Model 824 vacuum pump.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Capacity: Shall produce 3660 cfm at 217 inches on a water column. Include performance chart from blower manufacturer.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Dual-vacuum relief valves set at 15" Hg.	Meets Spec	Meets Spec	Meets Spec protected with screens	1	1	2			
Powered by chassis engine via transfer case and final cog drive.	Meets Spec	Powered by front crankshaft driven hydraulic pump pump is vulnerable to damage by front end collision	Meets spec with direct drive transfer case	1		1		1	
Blower shall be protected by a centrifugal separator capable of separating 50 micron or coarser.	Meets Spec	Meets Spec	Exceeds Spec Screens 10 Microns	1	1	2			
A steel, removable microstrainer shall be installed between the centrifugal separator and the blower.	Meets Spec	Meets Spec	Exceeds Spec with a stainless steel strainer	1	1	2			
The outer housing shall carry a five year warranty.	Meets Spec	12 month warranty	Meets Spec	1		1		1	
BOOM									
Hydraulically-powered up/down, left/right, and in/out.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Pick-up hose: 8" I.D., front end operation and stored at right front location.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Boom to remain stationary when debris tank lifts for dumping	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Boom rest to protect truck cab.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
1,000 lb. boom lift capacity with dual hydraulic lifting cylinders.	Meets Spec	700 lb. lift fully extended	Single lift cylinder	1				1	1
Boom shall swing 90 degrees to each side of the truck via a hydraulic cylinder. Gear or chain drives are unacceptable due to excessive wear and maintenance.	Meets Spec	Gear swing	Meets Spec	1		1		1	
Shall be equipped with a "squirt" boom telescoping section with a total travel of 8 feet 6 inches.	Meets Spec	10' Aluminum telescoping section strength may be a concern	Meets Spec	1		1		1	
The boom shall have a total extended length of 25 feet from the centerline of the truck. Spot lights mounted on the working end.	Meets Spec	Meets Spec	24 feet extended length	1	1				1
HYDRAULIC SYSTEM.									
Shall produce 12 GPM at 2,000 psi, 1,800 rpm.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Pump shall be transmission-mounted piston with test ports for troubleshooting.	Meets Spec	Front P.T.O.	Meets Spec	1		1		1	
The hydraulic reservoir shall be a minimum of 35-gallons with a level sight eye. Ten (10) micron filters and valves shall be installed at both the suction and return lines.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
ELECTRICAL SYSTEM									
Modular harness construction, enclosed in environmentally-sealed industrial grade conduit, to NEMA 4 standards.	Meets Spec	Meets Spec	Meets Spec	1	1	1			

Harness shall contain color coded conductors and permanently-attached function labels.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Terminal ends of the harness shall be multi-pin, bayonet-locking sealed connectors, compatible with a diagnostic testing system.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
ACCESSORIES									
Two (2) tool boxes with a dimension of 18" x 18" x 36" shall be installed in a location not requiring personnel to climb, crawl, or jump to use them, & one 18" x 18" x 72" to be mounted behind the truck cab.	Meets Spec	(2) 13"x16"x72" (1)16"x42"x92"	Meets Spec	1	1	1			
A tube rack capable of holding four each 8" x 8" tubes shall be installed, allowing personnel to place and remove tubes from ground level.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
At least 27' of tube shall be supplied with the unit (1) Aireator tube, and (12) 8" clamps shall be included.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Rear - mounted arrow board with cab control.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
50' x 1/2" hose w/handgun on retractable reel mounted at midship.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
2 set(s) of Operation & Maintenance manuals.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
TRUCK CHASSIS									
Engine: Cat 3126 Electronic 250 hp diesel or equivalent.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Exhaust: Horizontal muffler & horizontal outlet, RH.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Transmission: Allison MD3060CR - F or P 6 sped electronic or equivalent.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Steering: Dual power.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Wheelbase: WB 220" CA156" AF 75" (set back front axle) for turning radius.	CA180" Because of behind the cab tool box	Meets Spec	Meets Spec		1	1	1		
Axle: Front I beam type 18,000 - lb. capacity Rear 23,000 , axle ratio 4.3	Meets Spec	Axle Ratio 6.83 doesn't meet spec	Meets Spec	1		1		1	
Suspension: Front 20,000 lb. multi leaf 54" spread. Rear 23,000 lb. capacity multi-leaf normal ride, 4500 lb. rear susp auxiliary, single leaf.	Meets Spec	18,000 lb. doesn't meet spec	Meets Spec	1		1		1	
Frame: Frame rails heat treated alloy steel (100,000 PSI yield); 10.25 x 3.502 x 0.312 : 228 thru 278 WB with 90 maximum AF.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Brakes: Brake system, air dual for straight truck applications. Front brakes, air cam s-cam: 16.5" x 6.0" Rear brakes, air cam s-cam; 16.5 x 7.0". Type 20 front air brake chambers. Air compressor 13.2 CFM.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Fuel Tank Equipment: Fuel tanks (s) forward mounted fuel tank steps, cab length, steel construction 100 gal cap.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Wheels: Front wheel 22.5 x 12.25, 10 - stud, painted steel one piece. Rear wheel, dual disc; 22.5 x 8.25, 1 pc. painted steel, 10 stud.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Tires: Front 385/65R22.5 - J 490 Unisteel G 286 Rear 11R22.5 - H 498 Unisteel G124	Meets Spec	Meets Spec	Meets Spec	1	1	1			

Battery Charging System: Two 65 amp 600 CCA batteries, 95 amp alternator.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Cab: Conventional cab, Tinted glass, Quartz brown int., Two west coast type rectangular mirrors - painted head and painted steel brackets. 5.5" convex mirrors.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Gauge Cluster: English electronic speedometer, brake air pressure, oil pressure & temp, water temp, tachometer, voltmeter, cruise control, dash mounted parking brake, air cleaner mtd restriction indicator, hourmeter.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Interior cab equipment: Dash mounted cigar lighter, full vinyl floor mats, fresh air heater w/all weather ventilation, center mounted dome light, stationary steering column, 18" steering wheel, LH & RH sun visors, rear opening cab vents,	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Self canceling turn signals, intermittent wipers, AM & FM stereo radio, single electric horn.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Exterior cab equipment: Painted grille, forward tilting hood, dual chrome air horns, front steel swept back bumper with front tow hooks & corner markers.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Electrical: IP fuse panel, customer access, emergency flashers, two rectangular halogen headlights, cab markers lights, two tail lights, turnsignal & side marker combo lamps hood mounted horizontal.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Seating: Driver seat, air suspension, high back, vinyl, isolated, with adjustable mechanical lumbar support, front cushion adjustment and folding back with storage pocket.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
Passenger seat: air suspension, high back, isolated with adjustable lumbar support, front cushion adjustment and folding back with storage pocket.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
PAINT									
IH 409 Yellow	Meets Spec	Meets Spec	Meets Spec	1	1	1			
TRAINING									
Successful bidder shall provide a factory authorized training person for 2 days. The purpose shall be to train operating and maintenance personnel on the proper O&M procedures.	Meets Spec	Meets Spec	Meets Spec	1	1	1			
ADDITIONAL POINTS									
Service	Local	Indianapolis	Indianapolis & Lapaz	1				1	1
Blower Silencer			Largest in industry			1	1	1	
TOTAL				76	63	75	2	16	6

DIGEST SHEET

Year to date purchases for catch basin cleaner (including this order): $227,356.00

1996 purchases for catch basin cleaner: $127,071.00

TITLE OF ORDINANCE: Special

DEPARTMENT REQUESTING ORDINANCE: Purchasing

SYNOPSIS OF ORDINANCE: An ordinance approving the award of I.T.B. No. 7461 for the purchase of two (2) catch basin cleaners for the Stormwater Maintenance Department.

IF NOT LOWEST, WHO WAS AND WHY WERE THEY NOT AWARDED:

Best Equipment was first low and did not meet specifications. See attached spreadsheets for evaluation on equipment performance for each vendor who bid.

EFFECT OF PASSAGE:

Purchase of two (2) catch basin cleaners. These are used to clean catch basins and inlets.

IF REPLACEMENT, WHAT NECESSITATES:

These replace two (2) 1987 machines which have become high maintenance liabilities.

EFFECT OF NON-PASSAGE:

Our compliance to IDEM mandates on combined sewer controls would not be met.

MONIES INVOLVED: Brown Equipment $134,217.00
Wise International $ 93,139.00

PRICE AGREEMENT: PURCHASE ORDER: Yes

SOURCE OF FUNDING: Stormwater Maintenance 515-543-T101-4441

PRIOR APPROVAL: DATE:
(IF APPLICABLE)

The City of Fort Wayne

City Utilities

Fort Wayne City Council
Room 128
City / County Building
Fort Wayne, Indiana 46802

Dear Council Members:

This is a summary packet for ITB #7461 for the purchase of two catch basin cleaning machines for the Stormwater Maintenance department.

Summary

The bid has been awarded to Brown Equipment. Their bid with the discount from Wise international for the truck chassis amounts to $227,356.00. This amount makes their bid second lowest of three bidders. We awarded the bid to Brown Equipment based on the attached spread sheets which show where the low bidder did not meet the advertised specifications.

These two units will replace machines that are ten years old and have high maintenance costs. These machines are used for cleaning catch basins and inlets. This cleaning and maintenance program is part of the IDEM CSO control mandates.

Should you have any questions please call me at 427-1379.

Sincerely,

Gary Merriman

Gary Merriman
Assistant Superintendent
Stormwater Maintenance Department.

Read the first time in full and on motion by Ben Hall, and duly adopted, read the second time by title and referred to the Committee on City Utilities, (and the City Plan Commission for recommendation) and Public Hearing to be held after ~~due legal notice~~, at the Common Council Conference Room 128, City-County Building, Fort Wayne, Indiana, on the _____ day of _____, 19____, at o'clock _____ M.,E.S.T.

DATED: 6-24-97

Sandra E. Kennedy
SANDRA E. KENNEDY, CITY CLERK

Read the third time in full and on motion by Edmonds, and duly adopted, placed on its passage. ~~LOST~~ PASSED by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT
TOTAL VOTES	7			2
BENDER	✓			
CRAWFORD	✓			
EDMONDS	✓			
HALL	✓			
HAYHURST	✓			
HENRY				✓
LUNSEY	✓			
RAVINE				✓
SCHMIDT	✓			

DATED: 7-8-97

Sandra E. Kennedy
SANDRA E. KENNEDY, CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as ~~(ANNEXATION)~~ ~~(APPROPRIATION)~~ ~~(GENERAL)~~ (SPECIAL) ~~(ZONING)~~ ORDINANCE ~~RESOLUTION~~ NO. S-67-97 on the 8th day of July, 1997

ATTEST: Sandra E. Kennedy
SANDRA E. KENNEDY, CITY CLERK

SEAL

D D Schmidt
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 9th day of July, 1997, at the hour of 11:00 A. M.,E.S.T.

Sandra E. Kennedy
SANDRA E. KENNEDY, CITY CLERK

Approved and signed by me this 9th day of July, 1997, at the hour of 6:20 P. M.,E.S.T.

Paul Helmke
PAUL HELMKE, MAYOR

BILL NO. S-97-06-11

REPORT OF THE COMMITTEE ON CITY UTILITIES

MARTIN A. BENDER - CLETUS R. EDMONDS - CO-CHAIR
ALL COUNCIL MEMBERS

WE, YOUR COMMITTEE ON CITY UTILITIES
TO WHOM WAS REFERRED AN (ORDINANCE) (~~RESOLUTION~~) approving the awarding of I.T.B. #7461 by the City of Fort Wayne, Indiana, by and through its Department of Purchasing and BROWN EQUIPMENT AND WISE INTERNATIONAL for the STormwater Maintenance Department

HAVE HAD SAID (ORDINANCE) (~~RESOLUTION~~) UNDER CONSIDERATION AND BEG LEAVE TO REPORT BACK TO THE COMMON COUNCIL THAT SAID (ORDINANCE) (~~RESOLUTION~~)

DO PASS	DO NOT PASS	ABSTAIN	NO REC

DATED: 7-8-97.

Sandra E. Kennedy
City Clerk